Multi-Platform Trusted Copy Software
Download and Installation Instructions for Linux

Before you can proceed with a MPTC download, you must submit the Conditions of Use Form from the Multi-Platform Trusted Copy Software Distribution Site. You will receive a confirmation of eligibility and a file, `MptcKey.ser`.

Note: It is possible to install MPTC 4.0 without uninstalling MPTC 3.0; however, we recommend that you uninstall Version 3.0 **before** you install Version 4.0.

Do not install MPTC 4.0 as root.

Configuration File Advisory: If you have an existing configuration file for MPTC 3.0 that you have spent considerable time editing, save it to a location other than the Version 3.0 installation location **before** you uninstall MPTC 3.0. You will need this file for path information and the external tools list.

If you have not uninstalled MPTC 3.0 yet, please do so now after saving your existing configuration file to another location.

The InstallShield® wizards can be very slow to initialize. Please be patient.

Downloading and Installing MPTC Software

Obtaining the Three Required Files

1. **Save the `MptcKey.ser` file.**

   Put the `MptcKey.ser` file (which you received in the eligibility email as a result of submitting the Conditions of Use form) on the host computer upon which you will be installing the MPTC software applications. Remember its location.

2. **Download the MPTC Decryption Tool Setup File.**

   Download `MptcDecryptionToolLinuxSetup` to a temporary location on the host computer. Remember its location.

3. **Download the MPTC Encrypted Setup file.**

   Download `MptcLinuxSetup.enc` to a temporary location on the host computer. Remember its location.

   Note: Make sure that an existing `MptcLinuxSetup` file **does not** currently reside in the directory where `MptcLinuxSetup.enc` resides. The `MptcLinuxSetup.enc` file contains the encrypted MPTC installation software. It is used as input for the MPTC Decryption Tool.

Installing the MPTC Decryption Tool

4. From a terminal window, navigate to the directory where you put the `MptcDecryptionToolLinuxSetup` file in Step 2, **Download the MPTC Decryption Tool Setup File** (above).

5. At the command prompt, type

```
chmod +xr MptcDecryptionToolLinuxSetup
```

At the return prompt, type

```
./MptcDecryptionToolLinuxSetup
```

The InstallShield Wizard will launch.

Note: After typing `./MptcDecryptionToolLinuxSetup` in the terminal window, you may see the following messages as the installation wizard is launching:

```
Warning: Cannot convert string "<Key>Escape,_Key_Cancel"
to type Virtual Binding
Warning: Cannot convert string "<Key>Home,_Key_Begin" to
type Virtual Binding
Warning: Cannot convert string "<Key>F1,_Key_Help" to
type Virtual Binding
Warning: Cannot convert string "Shift<Key>F10,_Key_Menu"
to type Virtual Binding
Warning: Cannot convert string "<Key>F10,Shift_Key_Menu"
to type Virtual Binding
Warning: Cannot convert string
"<Key>KP_Enter,_Key_Execute" to type Virtual Binding
Warning: Cannot convert string
"Alt<Key>Return,Alt_Key_KP_Enter" to type Virtual
Binding
```

These messages do not affect the MPTC installation.

Following the prompts, place the MPTC Decryption Tool in the recommended location, `$HOME/MptcDecryptionTool10`.

6. At the end of the MptcDecryptionTool installation, you will be asked, **Do you want to execute the MPTCDecryptionTool now?**

- Select **No** if you do not want to proceed at this time. A new window with a Finish button appears. Later, you can launch the Tool by following the steps below under **Running the MPTC Decryption Tool**.

- Select **Yes** if you are ready to launch the tool, and click on the Next button. The MPTC Decryption Tool Version 1.0 will be executed.

7. After the MPTC Decryption Tool Version 1.0 window appears, click on the Finish button in the lower right corner of the MptcDecryptionTool Installation window to close the wizard. The MPTC Decryption Tool Version 1.0 window will remain open.

Continue with Step 9 under **Running the MPTC Decryption Tool** (below).

Running the MPTC Decryption Tool

8. From a terminal window, navigate to the directory where you installed the MptcDecryptionTool.

    At the command prompt, type

    ```
    ./MptcDecryptionToolLinux.sh  .
    ```

9. Following the directions on the Graphic User Interface (GUI), browse to the required paths for the `.enc` and `.ser` files.

10. Click on the Decrypt button.

    Please be patient; depending on your system, the decryption process can be lengthy.

    The name and location of the decrypted **output** file, `MptcLinuxSetup`, will fill the previously blank field when the decryption is complete. It is the file that is used to run the installation wizard for the MPTC software. (The decrypted installation file is written to the same location as the encrypted **input** file, `MptcLinuxSetup.enc`.)

11. Run the MPTC InstallShield Wizard by selecting the Launch MPTC Setup Wizard button and following the prompts.

12. After the MPTC InstallShield window appears, click on the Finish button in the lower right corner of the MPTC Decryption Tool Version 1.0 window to close the tool. The MPTC InstallShield window will remain open. Continue with Step 15 under **Installing MPTC** (below).

    If you choose not to run the MPTC InstallShield Wizard via the Launch MPTC Setup Wizard button, you can exit the MPTC Decryption Tool now at the File > Exit menu. Later, you can install the MPTC software by following the instructions below in **Installing MPTC**.

Installing MPTC

13. From a terminal window, navigate to the directory where `MptcLinuxSetup` is located (see Step 10 under **Running the MPTC Decryption Tool**, above).

14. At the command prompt, type

    ```
    ./MptcLinuxSetup  .
    ```

    The installation wizard will launch. Reference Step 5 regarding the messages that might be displayed as the installation wizard is launching.

15. Follow the prompts.

    The default installation location for the MPTC 4.0 software is `$HOME/Mptc40`. It is recommended that you use the default location.

16. At the end of the MPTC installation process, you will be asked, **Do you want to run MPTC now?** Select **No** if you do not want to proceed at this time, and click on the Next button. A new window with a Finish button appears. You may exit the installation wizard when the Finish button is selectable. Later, you can run MPTC by following the instructions below in **Running MPTC**.

17. If you select **Yes,** run MPTC now, click on the Next button. After the MPTC Welcome window appears, click on the Finish button in the lower right corner of the installation wizard to close the wizard. The MPTC Welcome window will remain open.

MPTC Configuration File

A default configuration file is included in the distribution. This configuration file, `MPTCConfig` is copied to your hard drive during the installation process. It contains new properties necessary for Version 4.0 as well as previous properties from Version 3.0. It is located in the directory where you installed MPTC 4.0.

To edit an old configuration file you moved to another location for safekeeping, follow the steps described below under **Editing the Old Version 3.0 Configuration File**. To use the newly installed version of the configuration file, follow steps 1–3 under **Editing the New Version 4.0 Configuration File** (below).

Editing the Old Version 3.0 Configuration File

1. Locate on your hard drive the Version 3.0 `MPTCConfig` file that you saved before you began the installation process.
2. Using an ASCII text editor, open your old configuration file and the newly installed configuration file in separate windows.
3. Copy the part of the old configuration file that contains the external tools list and other relevant path information to the new configuration file.
4. Save the new configuration file in the directory where you installed MPTC 4.0.
5. Proceed to **Running MPTC**.

Editing the New Version 4.0 Configuration File

1. Using an ASCII text editor, open the newly installed configuration file.
2. Edit the path names in the new configuration file to reflect appropriate paths and external tools for your computer.
3. Save the file.

Running MPTC

1. From a terminal window, navigate to the directory where MPTC 4.0 was installed.
2. At the command prompt, type

   `./Mptc.sh  .`

   MPTC 4.0 will load.

Uninstalling the Decryption Tool (Optional)

Once you have installed and launched MPTC 4.0, remove the MPTC Decryption Tool Version

1.0 software from your computer.

1. From a terminal window, navigate to the directory where the MPTC Decryption Tool software was installed in Step 5, **Installing the MPTC Decryption Tool.**

2. At the command prompt, type
   ```
   ./MptcDecryptionToolUninstall.sh  .
   ```

3. Follow the prompts.

Uninstalling MPTC

1. From a terminal window, navigate to the directory where the MPTC software was installed in Step 15, **Installing MPTC**.

2. At the command prompt, type
   ```
   ./MptcLinuxUninstall.sh  .
   ```

3. Follow the prompts.

MPTC Support

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